# V-LL VA / V-HL VA / V-HS VA

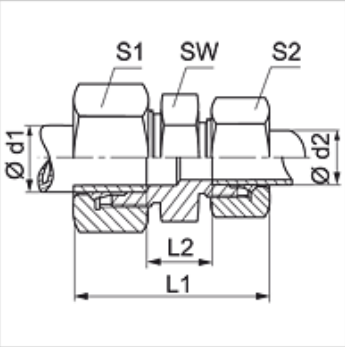
screwed connection

HANSA-FLEX

## Properties

| | |
|---|---|
| **Connection 1** | metric cylindrical outer thread |
| **Sealing form 1** | 24° inner cone |
| **Connection 2** | metric cylindrical outer thread |
| **Sealing form 2** | 24° inner cone |
| **Design** | Fitting |
| **Construction** | straight |
| **Standard** | ISO 8434-1 |
| **Scope of supply** | Socket with union nut and cutting ring |
| **Material** | Stainless steel |






## Note

Information about fitting, installation, pressure loads and permissible operating temperatures can be found in the technical information for pipe fittings.

## Item

| Identification | Series | Operating pressure | Ø d1 (mm) | Ø d2 (mm) | L1 (mm) | L2 (mm) | AF (mm) | S1 | S2 |
|---|---|---|---|---|---|---|---|---|---|
| **V 04 LL VA** | LL | PN 100 | 4 | 4 | 31,0 | 12,0 | 9 | 10 | 10 |
| **V 06 LL 04 VA** | LL | PN 100 | 6 | 4 | 32,0 | 10,5 | 11 | 12 | 10 |
| **V 06 LL VA** | LL | PN 100 | 6 | 6 | 32,0 | 9,0 | 11 | 12 | 12 |
| **V 08 LL 04 VA** | LL | PN 100 | 8 | 4 | 34,0 | 12,5 | 12 | 14 | 10 |
| **V 08 LL 06 VA** | LL | PN 100 | 8 | 6 | 34,0 | 11,0 | 12 | 14 | 12 |
| **V 08 LL VA** | LL | PN 100 | 8 | 8 | 35,0 | 12,0 | 12 | 14 | 14 |
| | | | | | | | | | |
| **V NW 04 HL VA** | L | PN 315 | 6 | 6 | 39,0 | 10,0 | 12 | 14 | 14 |
| **V NW 06 HL 04 VA** | L | PN 315 | 8 | 6 | 41,0 | 11,0 | 14 | 14 | 14 |
| **V NW 06 HL VA** | L | PN 315 | 8 | 8 | 40,0 | 11,0 | 14 | 17 | 17 |
| **V NW 08 HL 04 VA** | L | PN 315 | 10 | 6 | 42,0 | 12,0 | 17 | 19 | 14 |
| **V NW 08 HL 06 VA** | L | PN 315 | 10 | 8 | 42,0 | 12,0 | 17 | 19 | 17 |
| **V NW 08 HL VA** | L | PN 315 | 10 | 10 | 42,0 | 13,0 | 17 | 19 | 19 |
| **V NW 10 HL 04 VA** | L | PN 315 | 12 | 6 | 42,0 | 13,0 | 19 | 22 | 14 |
| **V NW 10 HL 06 VA** | L | PN 315 | 12 | 8 | 42,0 | 13,0 | 19 | 22 | 17 |
| **V NW 10 HL 08 VA** | L | PN 315 | 12 | 10 | 44,0 | 14,0 | 19 | 22 | 19 |
| **V NW 10 HL VA** | L | PN 315 | 12 | 12 | 43,0 | 14,0 | 19 | 22 | 22 |
| **V NW 13 HL 04 VA** | L | PN 315 | 15 | 6 | 43,5 | 14,0 | 24 | 27 | 14 |
| **V NW 13 HL 06 VA** | L | PN 315 | 15 | 8 | 43,5 | 14,0 | 24 | 27 | 17 |
| **V NW 13 HL 08 VA** | L | PN 315 | 15 | 10 | 45,0 | 15,0 | 24 | 27 | 19 |
| **V NW 13 HL 10 VA** | L | PN 315 | 15 | 12 | 45,0 | 15,0 | 24 | 27 | 22 |
| **V NW 13 HL VA** | L | PN 315 | 15 | 15 | 46,0 | 16,0 | 24 | 27 | 27 |
| **V NW 16 HL 06 VA** | L | PN 315 | 18 | 8 | 45,0 | 15,0 | 27 | 32 | 17 |
| **V NW 16 HL 08 VA** | L | PN 315 | 18 | 10 | 46,0 | 15,5 | 27 | 32 | 19 |
| **V NW 16 HL 10 VA** | L | PN 315 | 18 | 12 | 47,0 | 15,5 | 27 | 32 | 22 |
| **V NW 16 HL 13 VA** | L | PN 315 | 18 | 15 | 48,0 | 16,5 | 27 | 32 | 27 |
| **V NW 16 HL VA** | L | PN 315 | 18 | 18 | 48,0 | 16,0 | 27 | 32 | 32 |
| **V NW 20 HL 08 VA** | L | PN 160 | 22 | 10 | 48,0 | 17,0 | 32 | 36 | 19 |
| **V NW 20 HL 10 VA** | L | PN 160 | 22 | 12 | 48,0 | 17,5 | 32 | 36 | 22 |
| **V NW 20 HL 13 VA** | L | PN 160 | 22 | 15 | 50,0 | 18,5 | 32 | 36 | 27 |
| **V NW 20 HL 16 VA** | L | PN 160 | 22 | 18 | 51,0 | 18,0 | 32 | 36 | 32 |
| **V NW 20 HL VA** | L | PN 160 | 22 | 22 | 52,0 | 20,0 | 32 | 36 | 36 |
| **V NW 25 HL 08 VA** | L | PN 160 | 28 | 10 | 49,5 | 18,5 | 41 | 41 | 19 |
| **V NW 25 HL 10 VA** | L | PN 160 | 28 | 12 | 51,0 | 19,0 | 41 | 41 | 22 |
| **V NW 25 HL 13 VA** | L | PN 160 | 28 | 15 | 51,0 | 19,5 | 41 | 41 | 27 |
| **V NW 25 HL 16 VA** | L | PN 160 | 28 | 18 | 52,0 | 19,0 | 41 | 41 | 32 |
| **V NW 25 HL 20 VA** | L | PN 160 | 28 | 22 | 54,0 | 21,0 | 41 | 41 | 36 |
| **V NW 25 HL VA** | L | PN 160 | 28 | 28 | 54,0 | 21,0 | 41 | 41 | 41 |
| **V NW 32 HL 13 VA** | L | PN 160 | 35 | 15 | 64,0 | 21,0 | 46 | 50 | 27 |
| **V NW 32 HL 16 VA** | L | PN 160 | 35 | 18 | 66,5 | 19,0 | 46 | 50 | 32 |
| **V NW 32 HL 20 VA** | L | PN 160 | 35 | 22 | 59,0 | 21,0 | 46 | 50 | 36 |
| **V NW 32 HL 25 VA** | L | PN 160 | 35 | 28 | 59,0 | 21,0 | 46 | 50 | 41 |
| **V NW 32 HL VA** | L | PN 160 | 35 | 35 | 63,0 | 20,0 | 46 | 50 | 50 |
| **V NW 40 HL 13 VA** | L | PN 160 | 42 | 15 | 70,5 | 21,0 | 55 | 60 | 27 |

*Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.*

# V-LL VA / V-HL VA / V-HS VA

screwed connection

HANSA-FLEX

## Item

| Identification | Series | Operating pressure | Ø d1 (mm) | Ø d2 (mm) | L1 (mm) | L2 (mm) | AF (mm) | S1 | S2 |
|---|---|---|---|---|---|---|---|---|---|
| **V NW 40 HL 16 VA** | L | PN 160 | 42 | 18 | 70,5 | 21,0 | 55 | 60 | 32 |
| **V NW 40 HL 20 VA** | L | PN 160 | 42 | 22 | 70,5 | 21,0 | 55 | 60 | 32 |
| **V NW 40 HL 25 VA** | L | PN 160 | 42 | 28 | 62,0 | 22,5 | 65 | 60 | 41 |
| **V NW 40 HL 32 VA** | L | PN 160 | 42 | 35 | 66,0 | 21,5 | 55 | 60 | 50 |
| **V NW 40 HL VA** | L | PN 160 | 42 | 42 | 66,0 | 21,0 | 55 | 60 | 60 |
| | | | | | | | | | |
| **V NW 03 HS VA** | S | PN 630 | 6 | 6 | 45,0 | 16,0 | 14 | 17 | 17 |
| **V NW 04 HS 03 VA** | S | PN 630 | 8 | 6 | 48,0 | 18,0 | 17 | 19 | 17 |
| **V NW 04 HS VA** | S | PN 630 | 8 | 8 | 47,0 | 18,0 | 17 | 19 | 19 |
| **V NW 06 HS 03 VA** | S | PN 630 | 10 | 6 | 49,0 | 17,5 | 19 | 22 | 17 |
| **V NW 06 HS 04 VA** | S | PN 630 | 10 | 8 | 49,0 | 17,5 | 19 | 22 | 19 |
| **V NW 06 HS VA** | S | PN 630 | 10 | 10 | 49,0 | 17,0 | 19 | 22 | 22 |
| **V NW 08 HS 03 VA** | S | PN 630 | 12 | 6 | 51,0 | 19,5 | 22 | 24 | 17 |
| **V NW 08 HS 04 VA** | S | PN 630 | 12 | 8 | 51,0 | 19,5 | 22 | 24 | 19 |
| **V NW 08 HS 06 VA** | S | PN 630 | 12 | 10 | 52,0 | 19,0 | 22 | 24 | 22 |
| **V NW 08 HS VA** | S | PN 630 | 12 | 12 | 51,0 | 19,0 | 22 | 24 | 24 |
| **V NW 10 HS 03 VA** | S | PN 630 | 14 | 6 | 53,0 | 20,0 | 24 | 27 | 17 |
| **V NW 10 HS 04 VA** | S | PN 630 | 14 | 8 | 54,0 | 20,0 | 24 | 27 | 19 |
| **V NW 10 HS 06 VA** | S | PN 630 | 14 | 10 | 55,0 | 20,5 | 24 | 27 | 22 |
| **V NW 10 HS 08 VA** | S | PN 630 | 14 | 12 | 55,0 | 20,5 | 24 | 27 | 24 |
| **V NW 10 HS VA** | S | PN 630 | 14 | 14 | 57,0 | 22,0 | 24 | 27 | 27 |
| **V NW 13 HS 03 VA** | S | PN 400 | 16 | 6 | 53,0 | 20,0 | 27 | 30 | 17 |
| **V NW 13 HS 04 VA** | S | PN 400 | 16 | 8 | 54,0 | 20,0 | 27 | 30 | 19 |
| **V NW 13 HS 06 VA** | S | PN 400 | 16 | 10 | 54,0 | 20,0 | 27 | 30 | 22 |
| **V NW 13 HS 08 VA** | S | PN 400 | 16 | 12 | 55,0 | 20,0 | 27 | 30 | 24 |
| **V NW 13 HS 10 VA** | S | PN 400 | 16 | 14 | 58,0 | 21,5 | 27 | 30 | 27 |
| **V NW 13 HS VA** | S | PN 400 | 16 | 16 | 57,0 | 21,0 | 27 | 30 | 30 |
| **V NW 16 HS 03 VA** | S | PN 400 | 20 | 6 | 64,5 | 23,5 | 32 | 36 | 17 |
| **V NW 16 HS 04 VA** | S | PN 400 | 20 | 8 | 64,5 | 21,0 | 32 | 36 | 19 |
| **V NW 16 HS 06 VA** | S | PN 400 | 20 | 10 | 59,5 | 22,0 | 32 | 36 | 22 |
| **V NW 16 HS 08 VA** | S | PN 400 | 20 | 12 | 59,5 | 22,0 | 32 | 36 | 24 |
| **V NW 16 HS 10 VA** | S | PN 400 | 20 | 14 | 63,0 | 23,5 | 32 | 36 | 27 |
| **V NW 16 HS 13 VA** | S | PN 400 | 20 | 16 | 63,0 | 23,0 | 32 | 36 | 30 |
| **V NW 16 HS VA** | S | PN 400 | 20 | 20 | 66,0 | 23,0 | 32 | 36 | 36 |
| **V NW 20 HS 04 VA** | S | PN 400 | 25 | 8 | 71,5 | 26,5 | 41 | 46 | 19 |
| **V NW 20 HS 06 VA** | S | PN 400 | 25 | 10 | 72,5 | 27,5 | 41 | 46 | 22 |
| **V NW 20 HS 08 VA** | S | PN 400 | 25 | 12 | 72,5 | 24,0 | 41 | 46 | 24 |
| **V NW 20 HS 10 VA** | S | PN 400 | 25 | 14 | 74,5 | 26,5 | 41 | 46 | 27 |
| **V NW 20 HS 13 VA** | S | PN 400 | 25 | 16 | 68,0 | 25,5 | 41 | 46 | 30 |
| **V NW 20 HS 16 VA** | S | PN 400 | 25 | 20 | 71,0 | 25,5 | 41 | 46 | 36 |
| **V NW 20 HS VA** | S | PN 400 | 25 | 25 | 74,0 | 26,0 | 41 | 46 | 46 |
| **V NW 25 HS 06 VA** | S | PN 400 | 30 | 10 | 74,5 | 27,0 | 46 | 50 | 22 |
| **V NW 25 HS 08 VA** | S | PN 400 | 30 | 12 | 74,5 | 27,0 | 46 | 50 | 24 |
| **V NW 25 HS 10 VA** | S | PN 400 | 30 | 14 | 74,5 | 27,0 | 46 | 50 | 46 |
| **V NW 25 HS 13 VA** | S | PN 400 | 30 | 16 | 70,0 | 25,0 | 46 | 50 | 30 |
| **V NW 25 HS 16 VA** | S | PN 400 | 30 | 20 | 74,0 | 26,0 | 46 | 50 | 36 |
| **V NW 25 HS 20 VA** | S | PN 400 | 30 | 25 | 77,0 | 26,5 | 46 | 50 | 46 |
| **V NW 25 HS VA** | S | PN 400 | 30 | 30 | 80,0 | 27,0 | 46 | 50 | 50 |
| **V NW 32 HS 06 VA** | S | PN 315 | 38 | 10 | 86,0 | 26,5 | 55 | 60 | 22 |
| **V NW 32 HS 08 VA** | S | PN 315 | 38 | 12 | 86,0 | 26,5 | 55 | 60 | 24 |
| **V NW 32 HS 10 VA** | S | PN 315 | 38 | 14 | 86,0 | 26,5 | 55 | 60 | 27 |
| **V NW 32 HS 13 VA** | S | PN 315 | 38 | 16 | 81,0 | 29,0 | 55 | 60 | 30 |
| **V NW 32 HS 16 VA** | S | PN 315 | 38 | 20 | 88,0 | 28,0 | 55 | 60 | 36 |
| **V NW 32 HS 20 VA** | S | PN 315 | 38 | 25 | 84,0 | 29,0 | 55 | 60 | 46 |
| **V NW 32 HS 25 VA** | S | PN 315 | 38 | 30 | 87,0 | 29,5 | 55 | 60 | 50 |
| **V NW 32 HS VA** | S | PN 315 | 38 | 38 | 90,0 | 29,0 | 55 | 60 | 60 |

Series: LL = Very light L = Light S = Heavy – PN = Nominal pressure PB = Max. operating pressure – Ø d1 = External pipe diameter – Ø d2 = External pipe diameter

## Product versions

| | |
|---|---|
| **V-LL / V-HL / V-HS** | Fitting, Steel |
| **V-LL MG / V-HL MG / V-HS MG** | screwed connection, Brass |
| **XV VA** | Fitting, Stainless steel |

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